

UROSKOP Access

SP

Installation and Start-up

Installation of options

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English

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Chapter	Page	Revision
all	all	01

Document revision level

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Tools

No special tools are needed for installation.

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Postscript printer

**The Postscript printer is not suitable for diagnostic purposes.
Please inform the responsible hospital staff about this restriction.**

Introduction

This instruction describes the installation of a printer for Calcium Scoring Reports. Reports are generated as HTML documents and printed by using the Microsoft Internet Explorer. Since report printing is based completely on Windows NT level, all NT-compatible printers should work. To avoid problems, printers should meet the recommendations listed below.

If the printer also is used to print film sheets from the syngo taskcard, the printer has to meet additional requirements (see below).

Depending on the type of printer installation not all chapters of this instruction have to be performed. Read the "Installation roadmap" to get an overview.

Warning:

The printer installation will not be recovered by the restore procedure after a software update. Take notes of the installation settings (e.g. which printers and which IP-addresses are used) to facilitate a later printer reinstallation. It is also helpful to keep the test printout.

Recommended printer features

The printer should be a PostScript printer

The printer should be a network printer

The printer should be a laser printer

If the printer is used for printing film sheets, the printer should be equipped with at least 24 MB RAM and must be a PostScript laser printer.

Printing of film sheets on paper is not covered by this general instruction.

Preconditions for installation

Find out which printer installation is preferred in your hospital environment. If there are questions, it is often helpful to contact the local network administrators.

Installation roadmap

Depending on the used printer connection, the following sections of the installation instruction have to be performed:

Table 1:

		TCP/IP	Printer on LPT1	Network print server
Section	page			
1. Installation of the printer as "My Computer" under Windows NT.	2 - 3	X	X	
2. Installation of a TCP/IP print server	2 - 11	X		
3. Installation of a local connected printer (LPT1)	2 - 15		X	
4. Connection via a network print server	2 - 16			X
5. Installation of the printer driver	2- 22	X	X	
6. Configuration of the printer driver	2 - 26	X	X	
7. Checking the printer installation	2 - 27	X	X	X
8. Configuration of the paper printer in the filming card	2 - 28	X	X	X

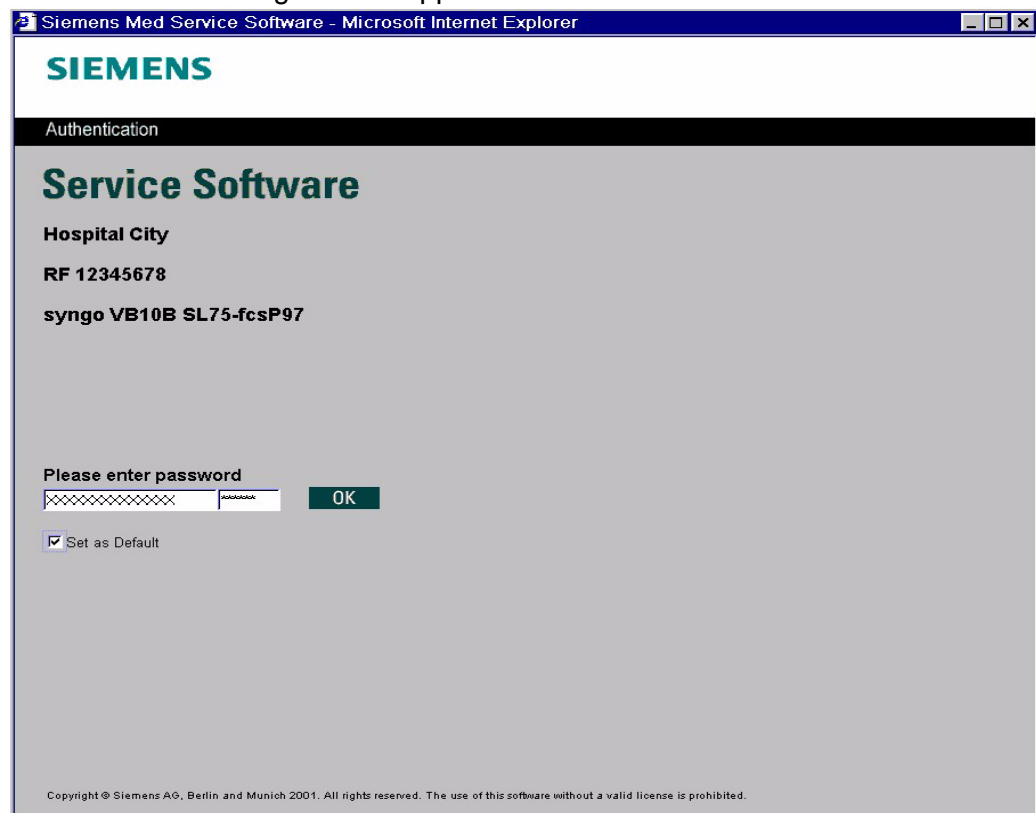
Direct connection via TCP/IP and local print server

- The printer must be a PostScript printer.
- The printer can be reached via TCP/IP
- A PostScript driver for this printer must be available.
(The driver can be installed from disk or floppy disk. See your printer manual.)
- Get IP addresses and names of all printers that are to be installed

1. Installation of the printer as "My Computer" under Windows NT

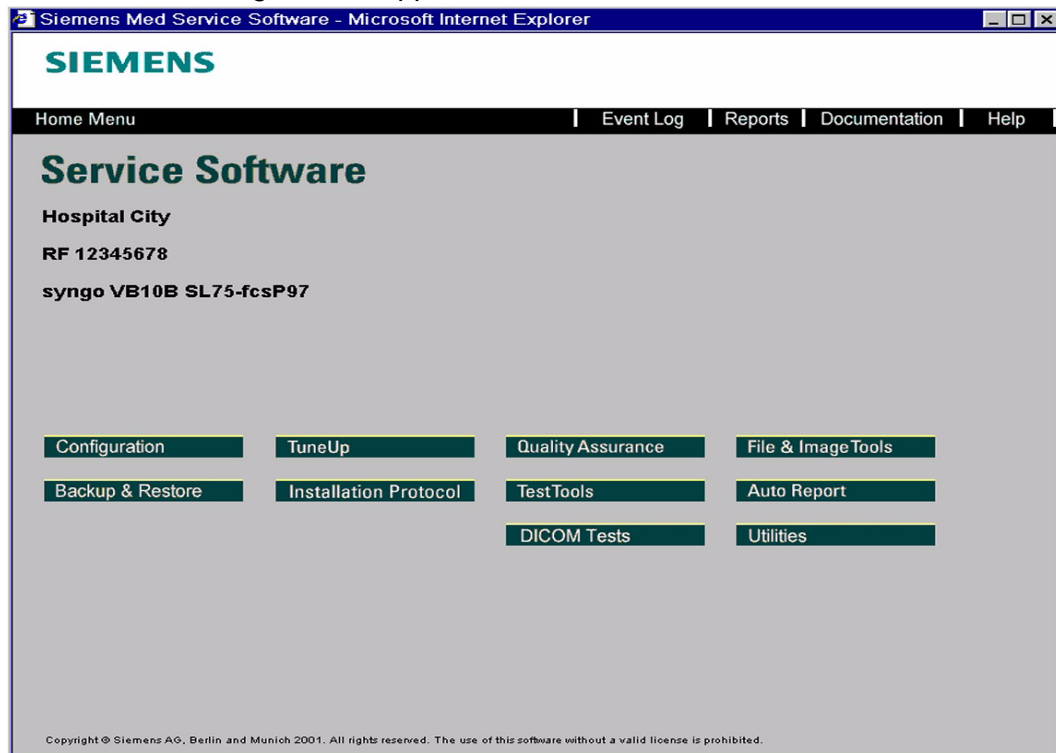
- select "Options"
- select "Local Service"

⇒ The following window appears:



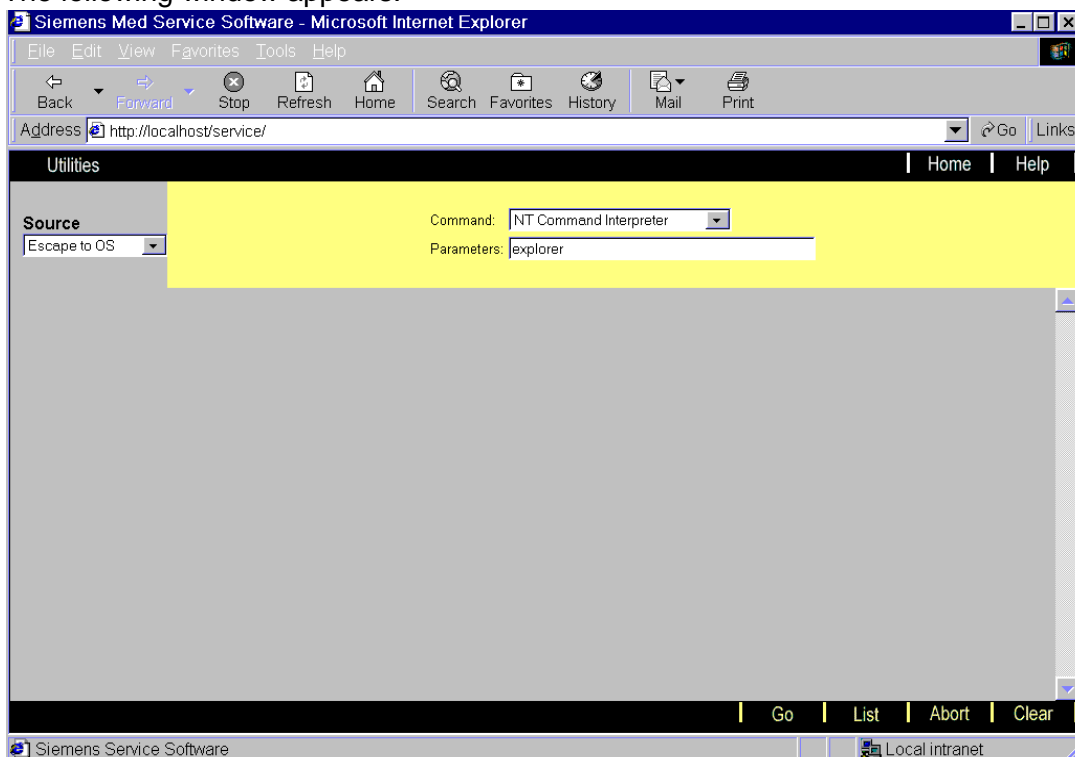
- enter the service key
- confirm the screen with "ok"

⇒ The following window appears:



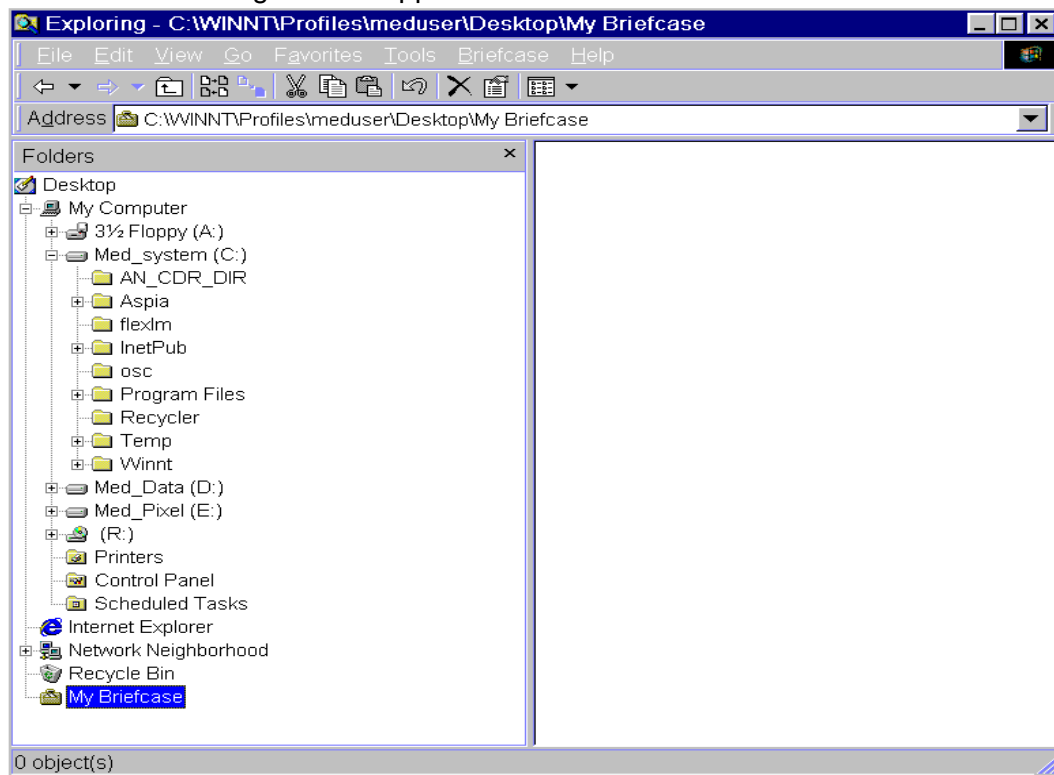
- call up "Utilities"

The following window appears:



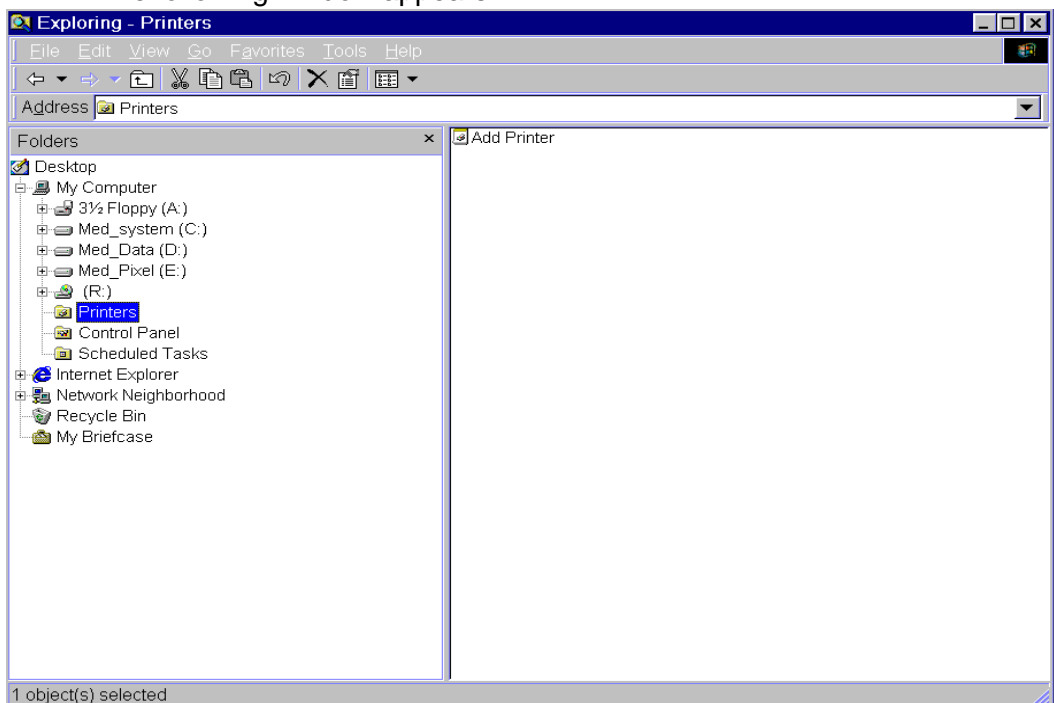
- select "Escape to OS" under Source
- enter "explorer" under Parameters
- select "go"

⇒ The following window appears:



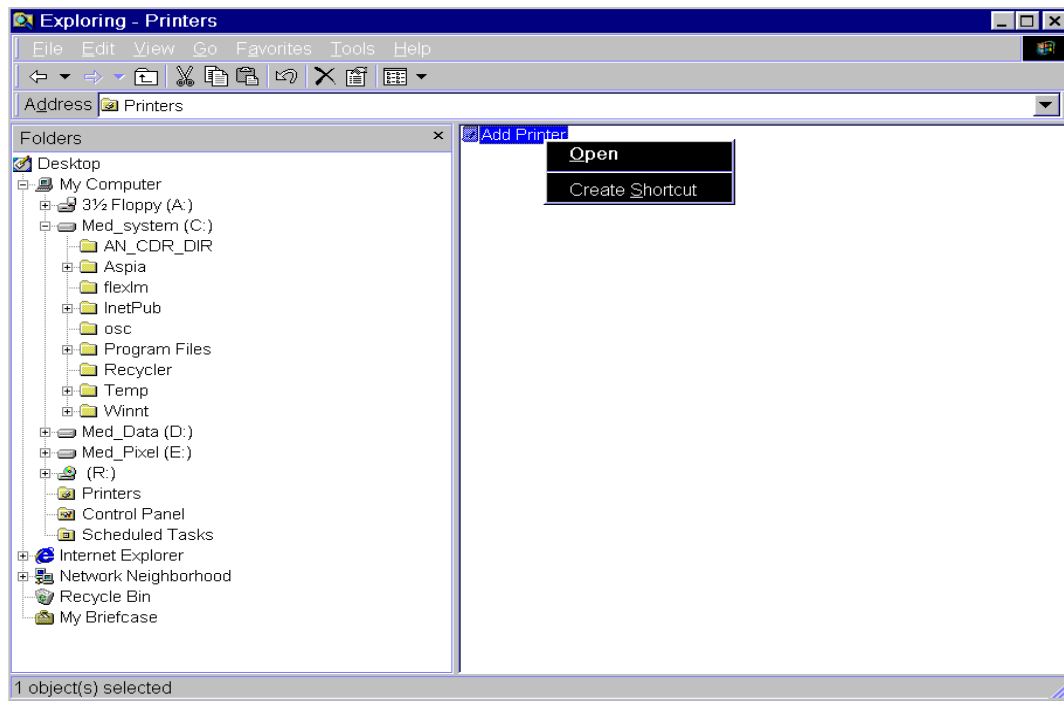
- call up the "Printers" catalog under Folders

⇒ The following window appears:

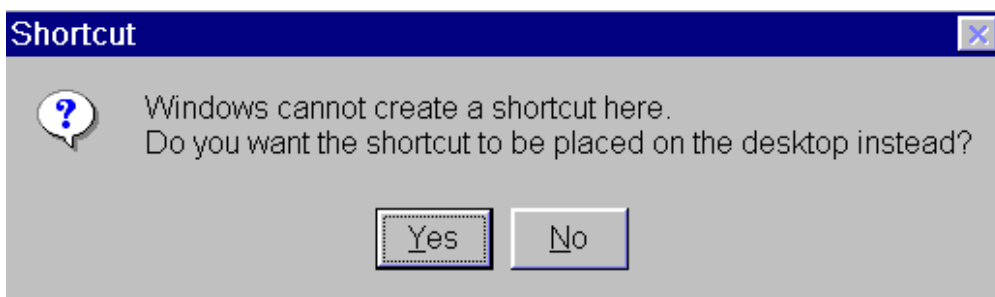


- mark "Add Printer"

- press the right mouse button
 - ⇒ The following window appears:

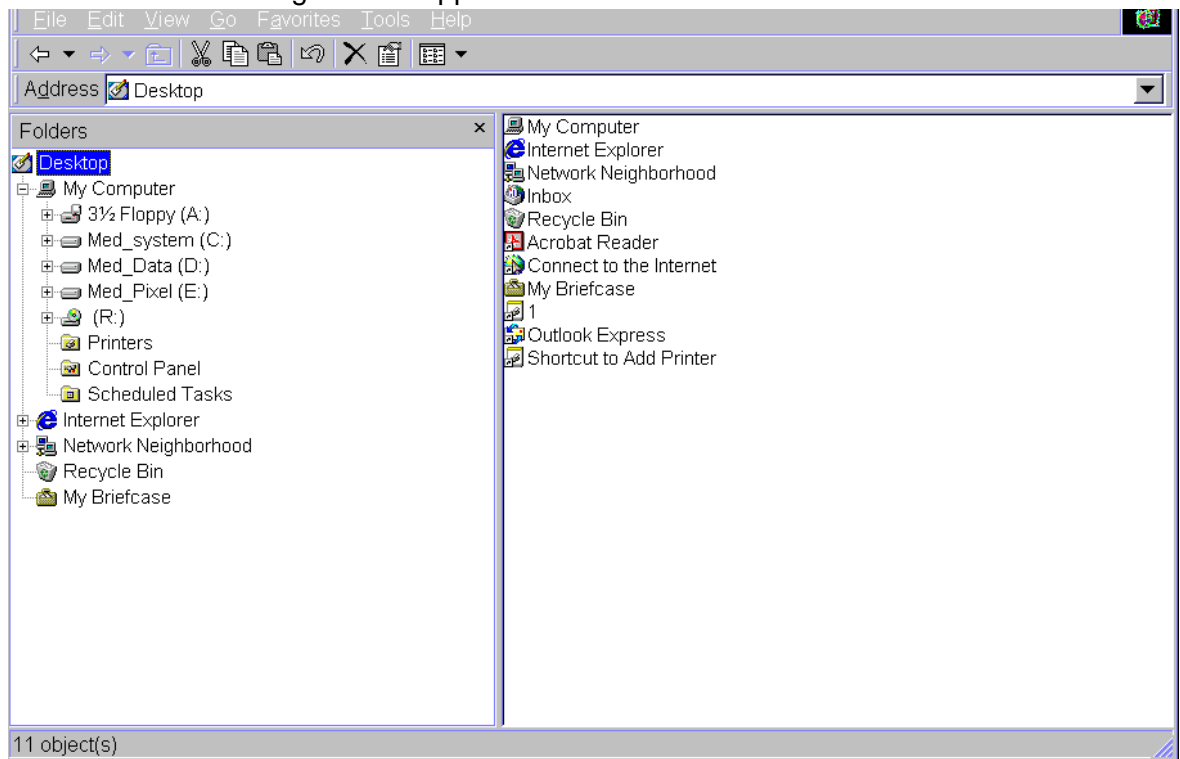


- select "Create shortcut"
 - ⇒ The following window appears:

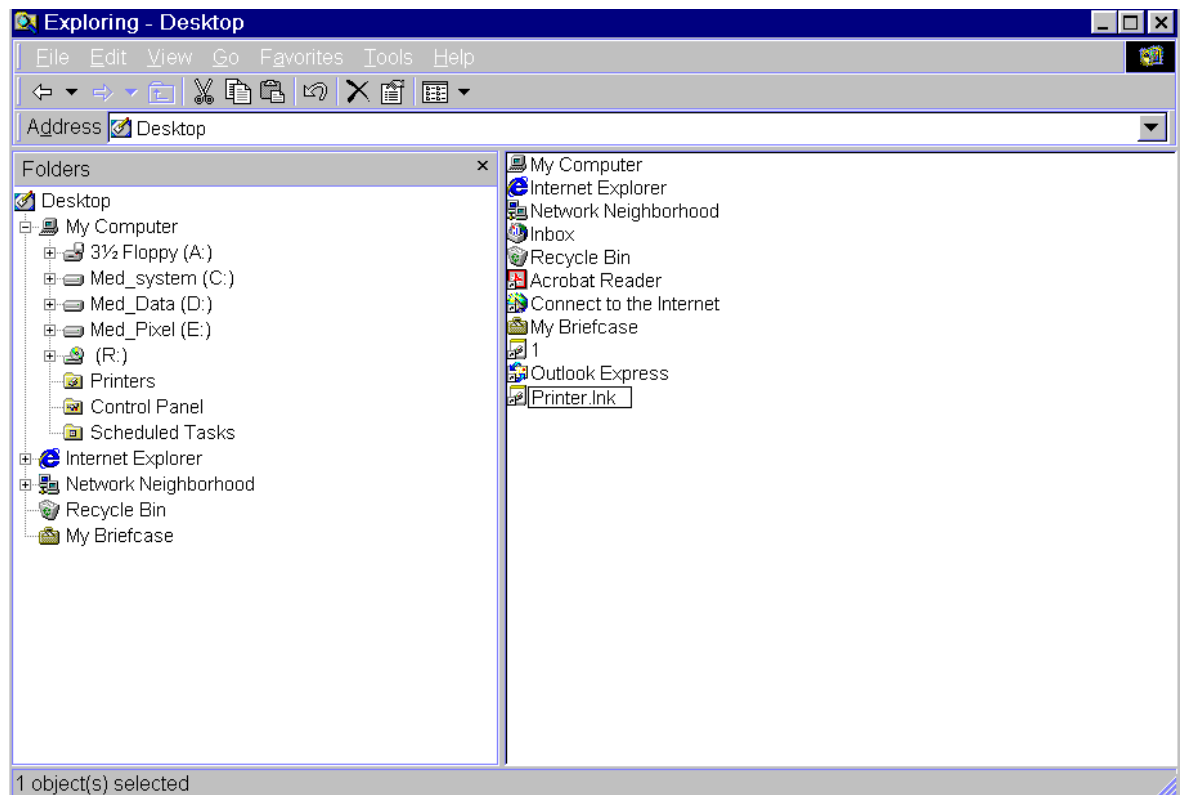


- close the Shortcut note by clicking "yes"
- select "Desktop" in the Explorer

⇒ The following window appears:



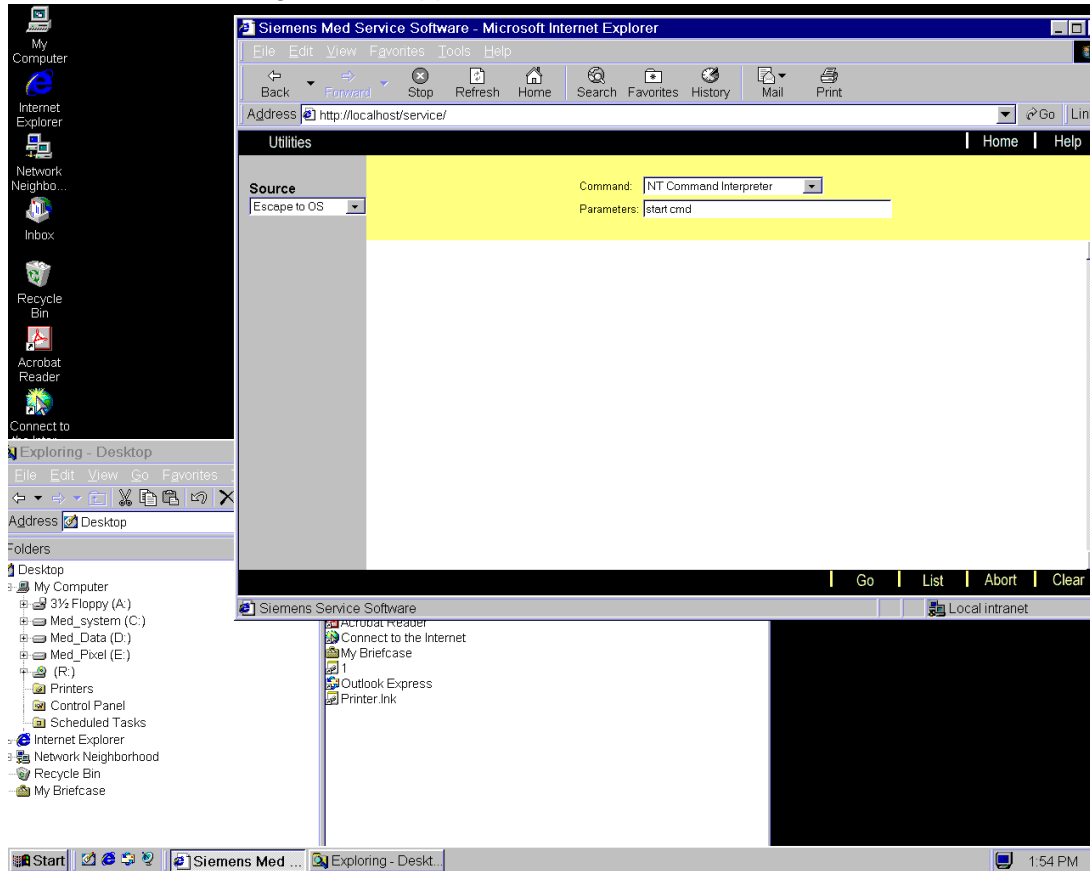
⇒ in the Explorer the "Shortcut to Add printer" can be found under Desktop



- rename "Shortcut to Add printer" into "Printer.Ink"

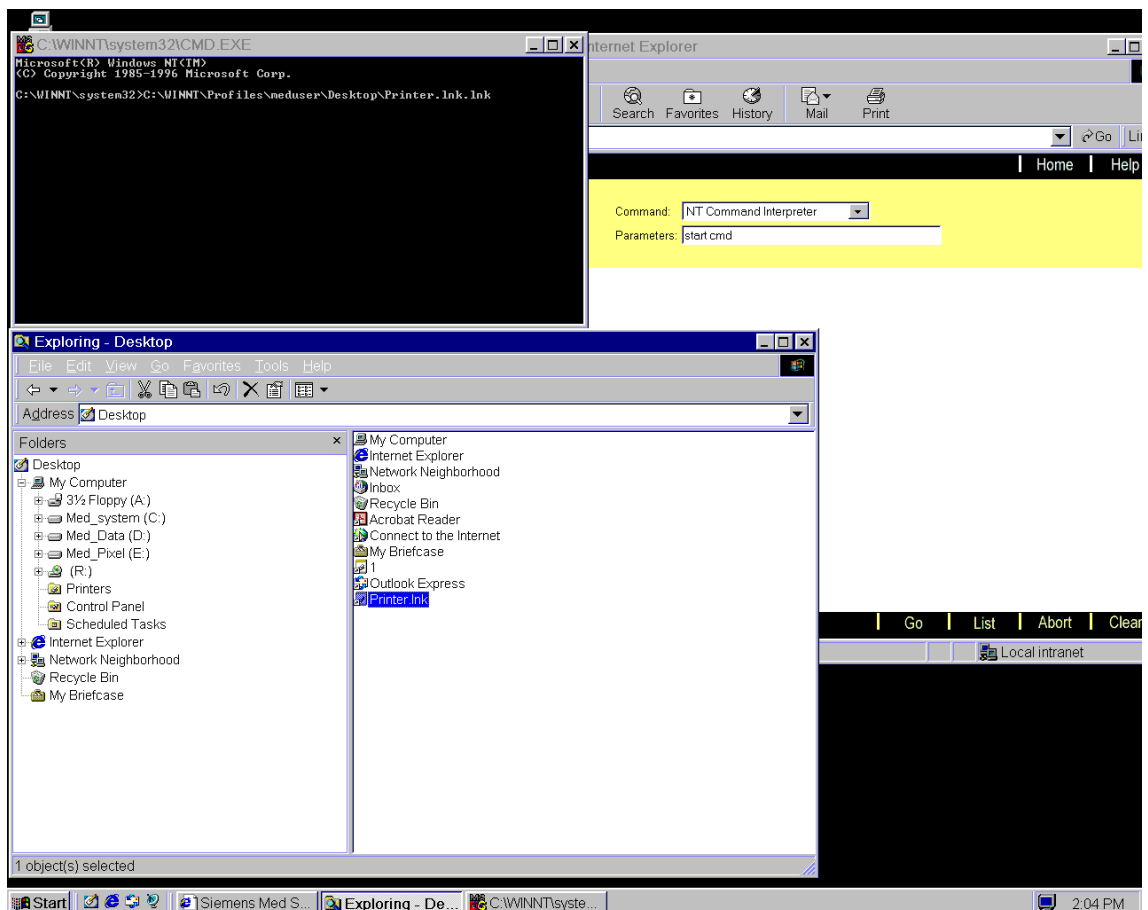
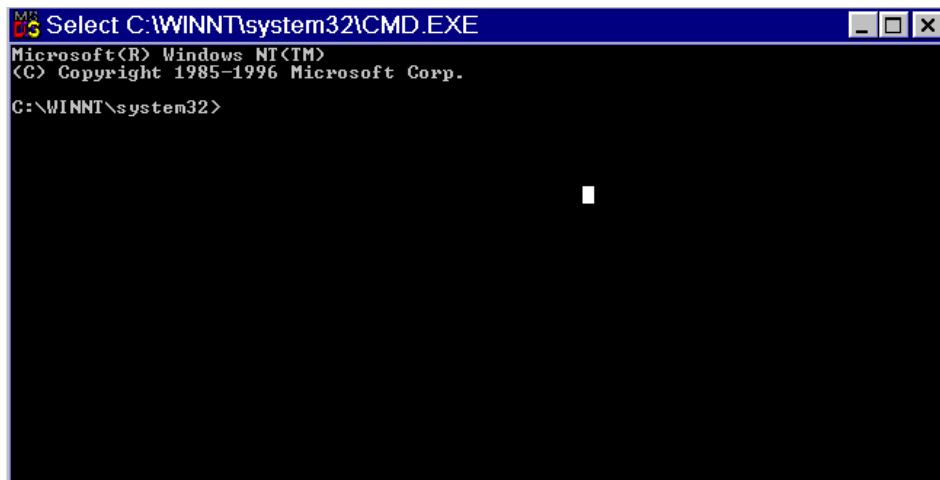
- bring the window "Service Software" to the front by, e.g., selecting the window
- call up "Utilities"

⇒ The following window appears:



- select "Escape to OS" under Source
- enter "start cmd" under Parameters
- select "go"

⇒ The following window appears:



- mark "Printer.Ink" in the Explorer and drag it into the window "C:\WIINT\system32\CMD.EXE"

⇒ The following command line is now displayed in this window
"C:\WINNT\system32\C:\WINNT\Profiles\meduser\Desktop\printer.Ink.Ink"

- click with the mouse pointer into the window "C:\WINNT\system32\CMD.EXE"
- press the "enter" key

2.Installation of a TCP/IP print server

⇒ The following window appears:



- select "My Computer"
- select "Next"

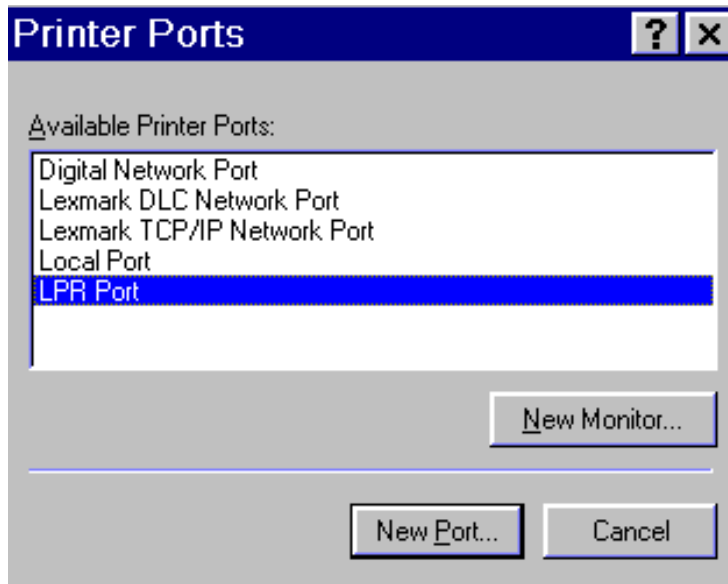
⇒ The following window appears:



Because the printer is not connected to a local port, you have to select a network port.

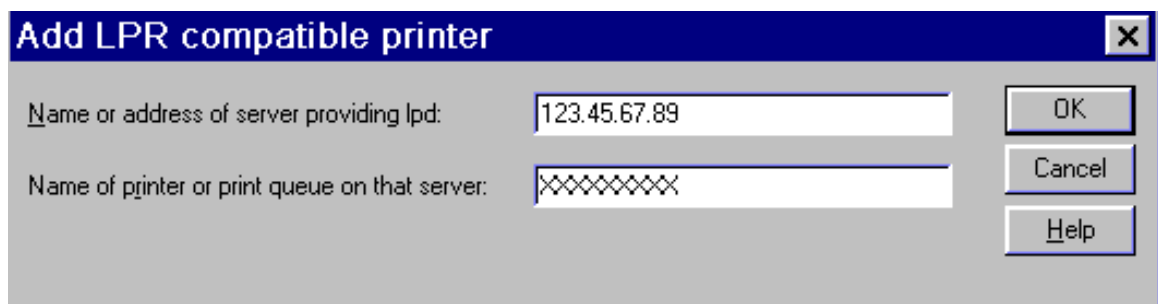
- select "Add Port..."

⇒ The following window appears:



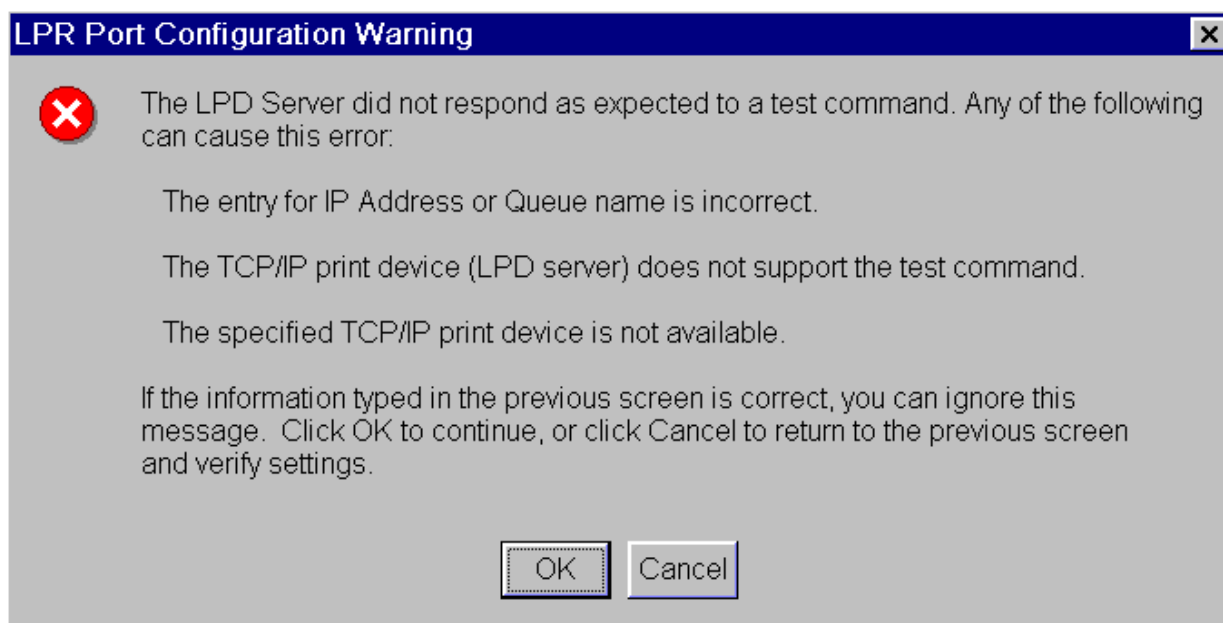
- select "LPR Port"
- select "New Port..."

⇒ The following window appears:



- type in the TCP/IP address of the printer (!) in the first line
- type in the host name of the printer (!) in the second line
- select "ok"

- ⇒ In the case of problems with "Name or address of server providing lpd or "Name of printer or print queue that server" the following window appears.



- select "ok"
- check the entered information and carry out the installation steps once again

- ⇒ If the entered information for "Name or address of server providing lpd or "Name of printer or print queue that server" are o.k. the following window appears.



- close the window "Printer Ports"
- select the window "Add Printer Wizard"
 - ⇒ the newly entered port is displayed under "Available ports:"
- select the new defined port in the "Add Printer Wizard"
- select "Next"

Continue with the next steps according to the installation roadmap

3. Installation of a local connected printer (LPT1)

- connect the cable of the printer to LPT1
- continue with the step according to the installation roadmap

⇒ The following window appears:

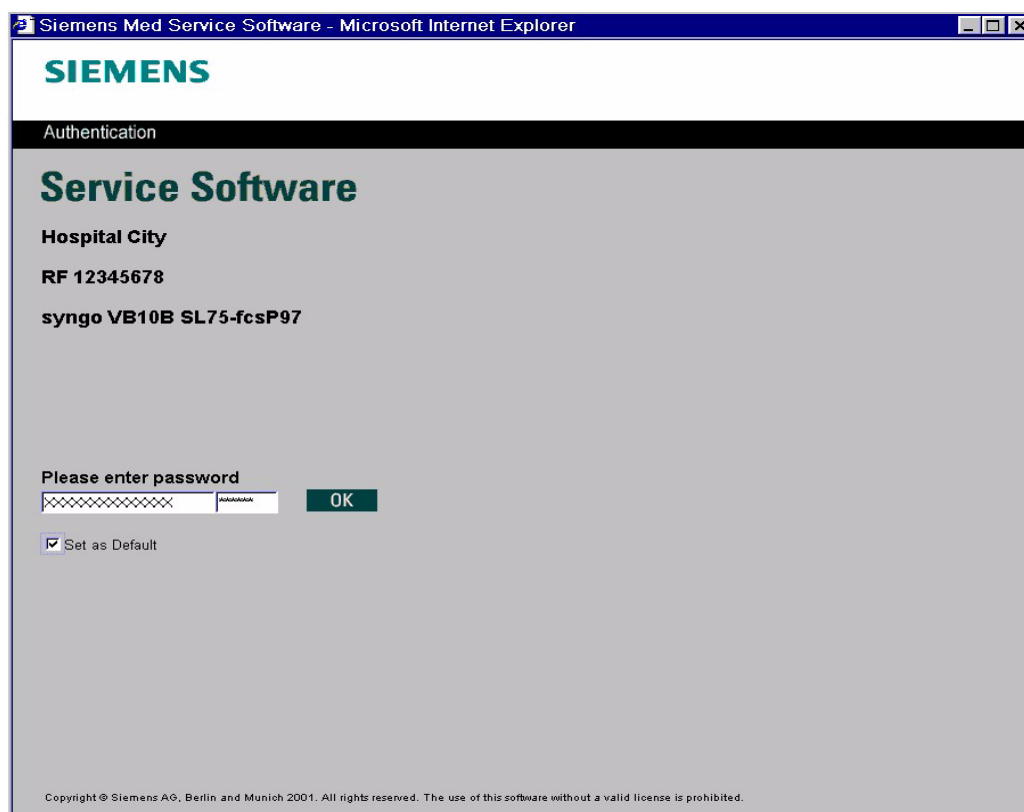


- select "LPT1"
- select "Next"
- Continue with the next steps according to the installation roadmap

4. Connection via a network print server

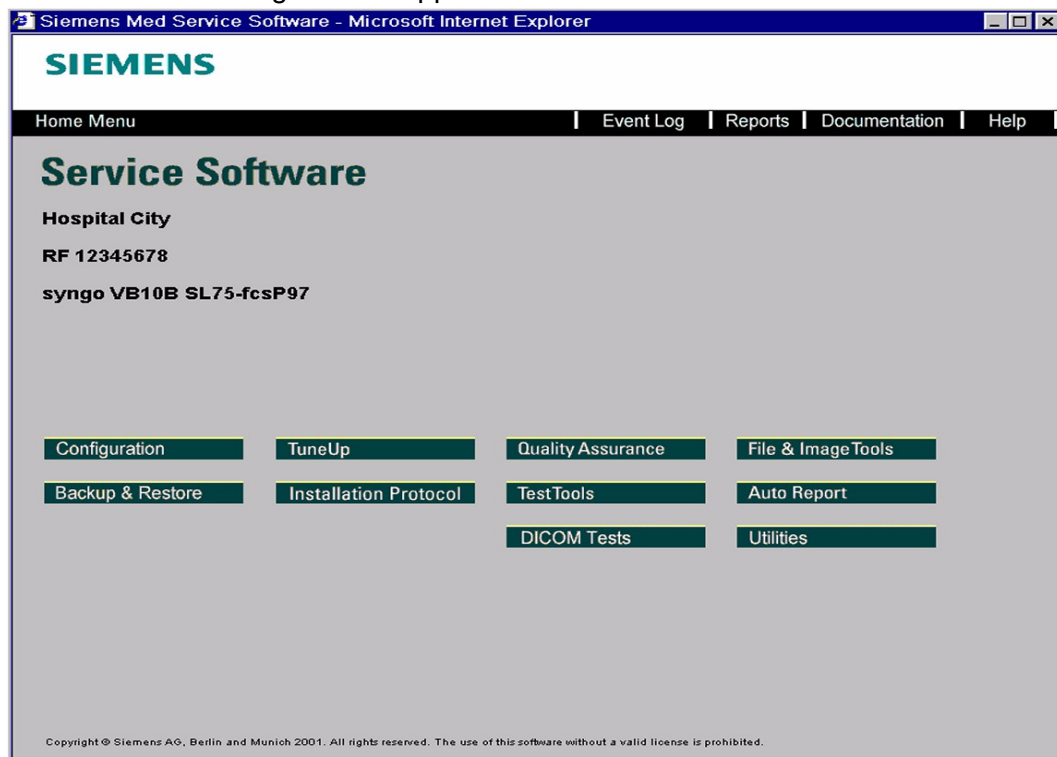
- "Microsoft TCP/IP-Printing" must have been installed and "TCP/IP PrintServer Service" must have been started in the print server. This is the responsibility of the network administrator
- get IP address and host name of the network print server
- get names of all printers that are to be installed
- select "Options"
- select "Local Service"

⇒ The following window appears:



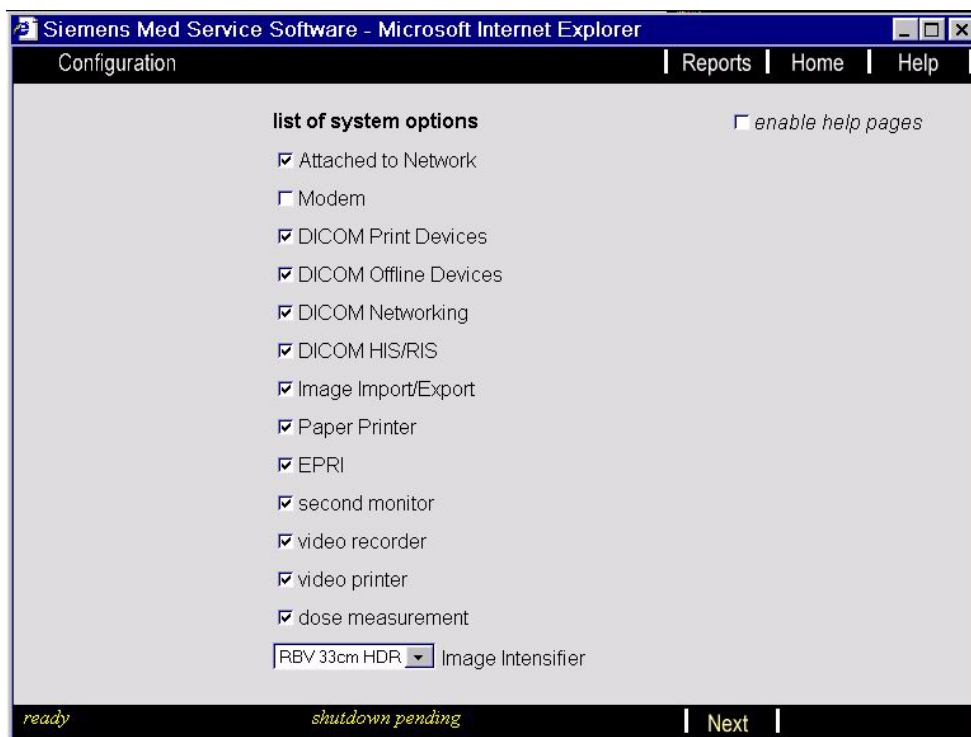
- enter the service key
- confirm the screen with "ok"

⇒ The following window appears:



- select "Configuration"

⇒ The following window appears:



- select "Next"

⇒ The following window appears:

Configuration | Reports | Home | Help

Local Host

- Site Info
- TCP/IP LAN
- Users**
- Monitor Type

Service

- Mail
- FTP
- Auto Transfers
- Eventlog
- Backup/Restore
- Licensing

DICOM

- General
- Character Set
- Offline Devices
- Network Nodes
- Print Devices
- HC Overview
- LUT Files
- HIS/RIS Nodes

Import/Export

- Import/Export

External Devices

- External Devices

Applications

- Pat. Registration
- CorRea
- MPPS
- Worklist Results

Imaging System

- General Config
- XRay System
- Windowing
- Edge Enhance
- Noise Reduction
- Motion Detection
- Opacification
- UI Settings
- Circle Mask

Account for UI: meduser

Default Password: ☐ or give Password: abcde fgh Confirm: abcde fgh

Enable Autologin: ☒

Account for PPP: PPP

Default Password: ☐ or give Password: abcde fgh Confirm: abcde fgh

Success restart system pending | Finish | Save |

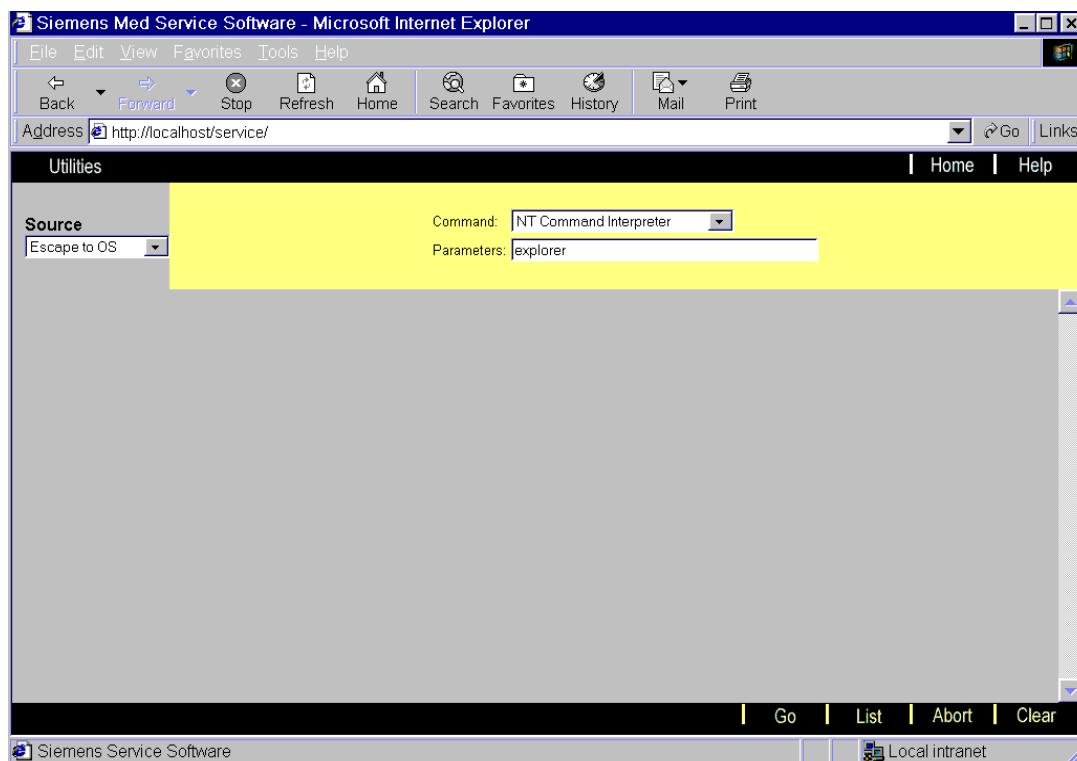
- select "User" under Local Host
- clear the checkbox under Default Password
- enter **abcde fgh** under "or give Password"
- enter **abcde fgh** under "Confirm" as well

⇒ to activate the printer the responsible network administrator needs the following information:

>Account for UI is **meduser**; the password is **abcde fgh**<

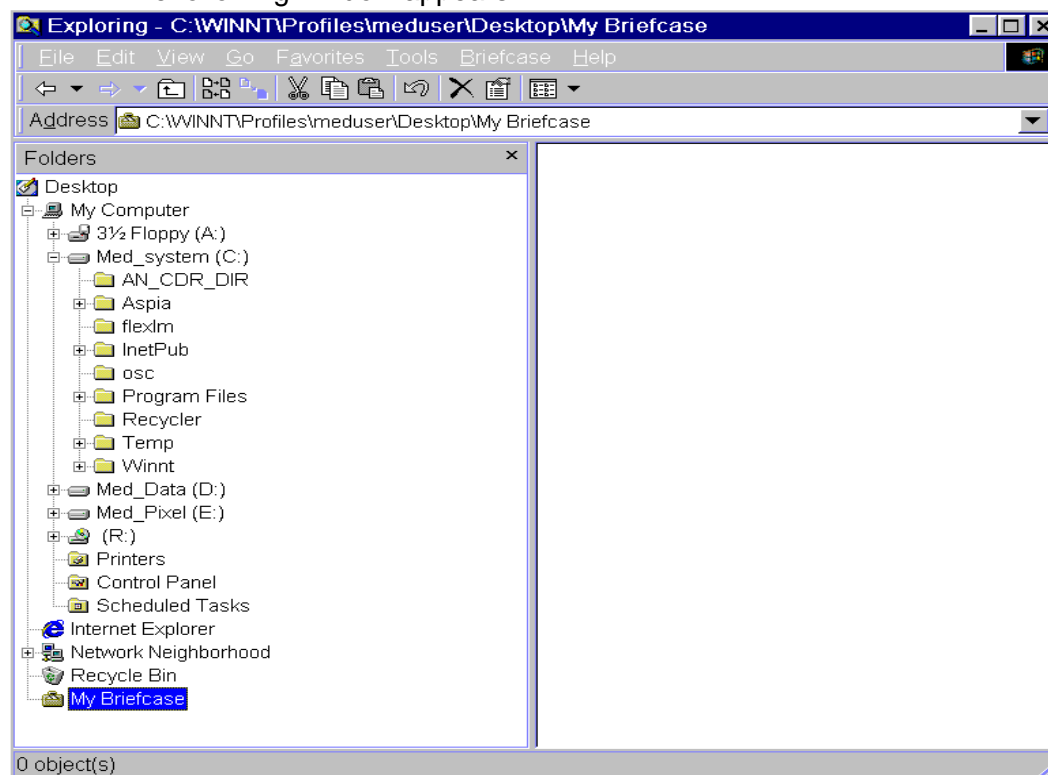
- press "Save"
- select "Home"
- call up "Utilities"

The following window appears:



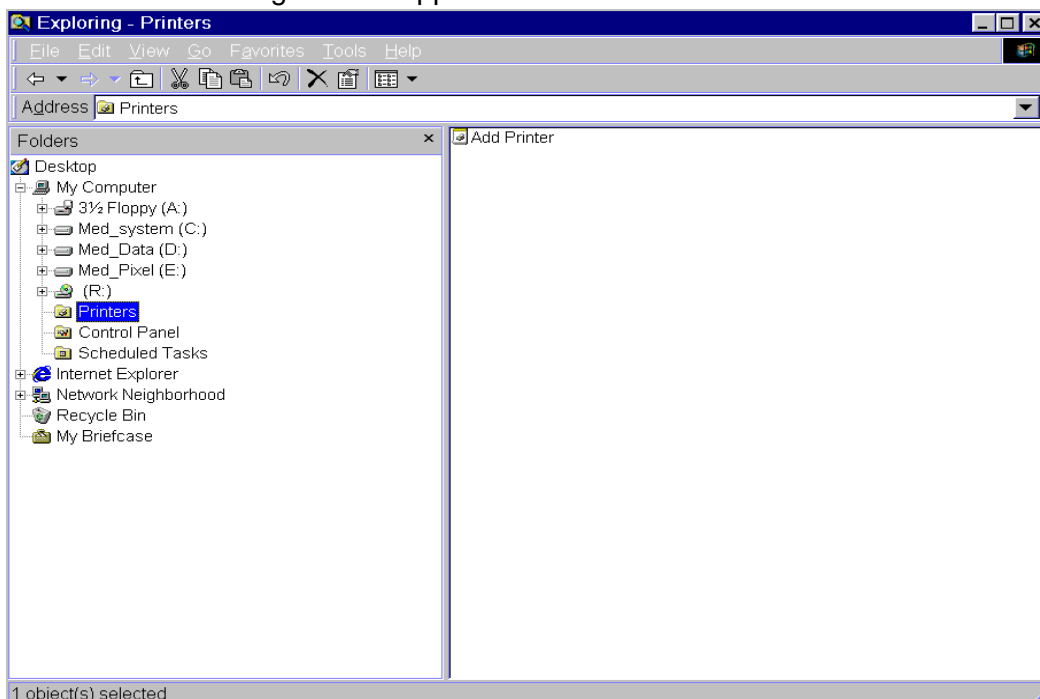
- select "Escape to OS" under Source
- enter "explorer" under Parameters
- select "go"

⇒ The following window appears:



- call up the "Printers" catalog in the Explorer

⇒ The following window appears:



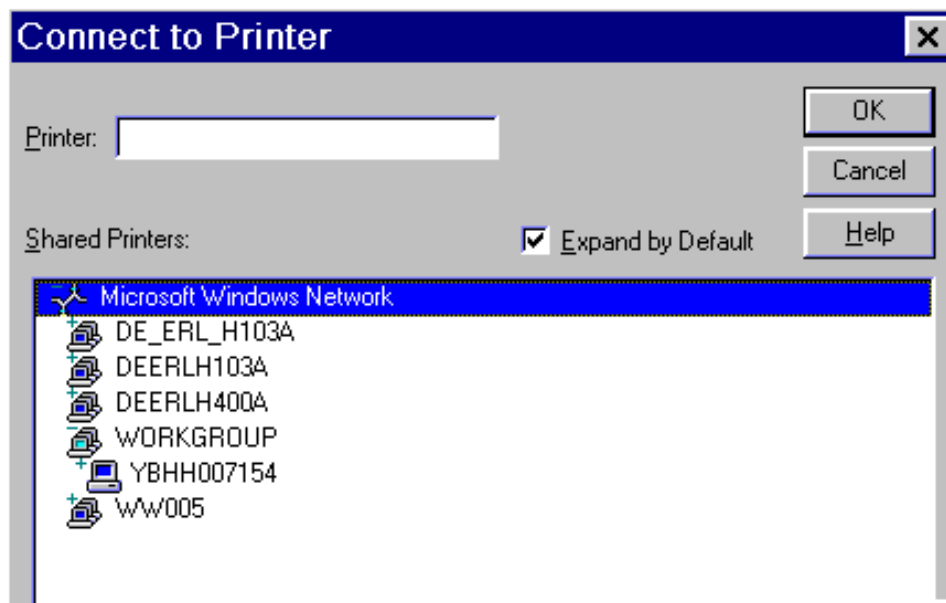
- double-click "add printer"

⇒ The following window appears:



- select " Network printer server"
- select "Next"

⇒ The following window appears:

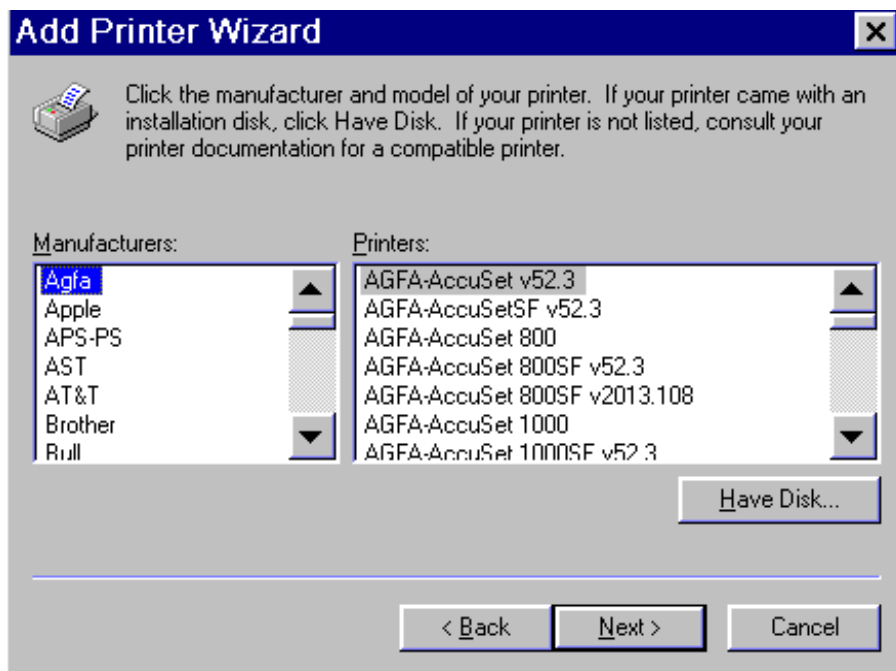


- select the printer under " Shared Printers"
- select "ok"
- continue with the next steps according to the installation roadmap

5. Installation of the printer driver

Install a new driver from disk or floppy

⇒ The following window appears:



- If the printer is listed select "Next"
- If the printer is not listed select "Have Disk".
- select "Have Disk".

Printer drivers on floppy disks or CD ROMs are shipped together with the printer. Usually it is also possible to download them from the internet page of the printer manufacturer.

Important:

Driver disks often include an automated installation routine like "setup.exe". Do NOT use this installation routine. After pressing "Have Disk" use the browser button to localize the driver. Driver files can be recognized by the extension ".inf".

In some cases you can use a printer driver from a different model. See your printer manual.

If the installation is interrupted, e.g., by pressing the "Cancel" button, the previous steps, depending on the printer connection, must be repeated.

⇒ The following window appears:



- Press "Browse"
 - search the driver disk for the ".inf" file
- ⇒ If there are problems locating the proper .inf file, try to find additional technical documentation on the driver disk, e.g. read the "readme.txt" file. In some installation manuals, the wanted driver is referred to as "driver for server installation".

If the driver cannot be found on the floppy disk but on a CD-Rom, the following window appears.

⇒ The following window appears:



- select "Cancel"
- "Locate File" is displayed
- select the CD-Rom drive
- select the driver
- press "ok"

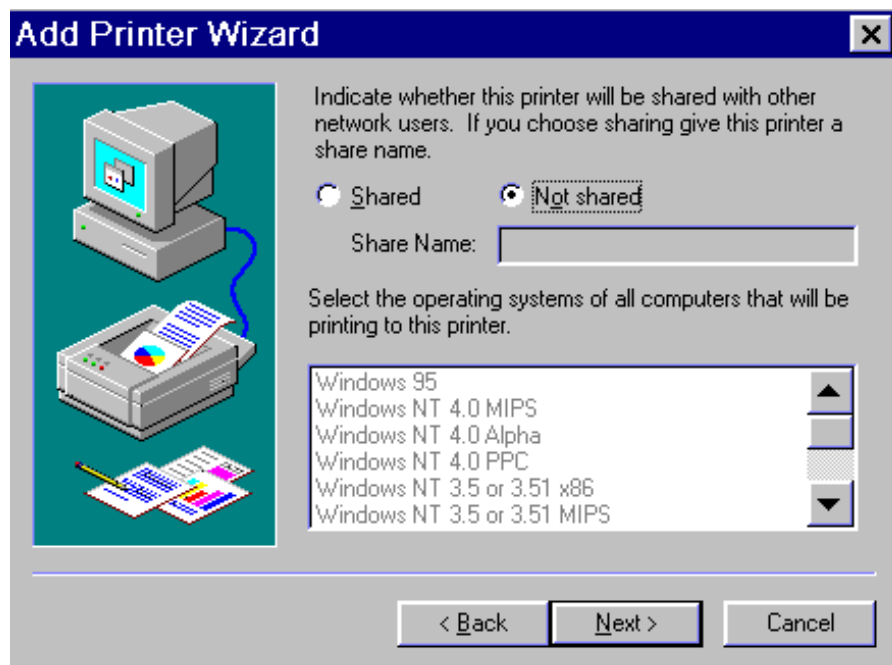
Input a friendly name for the printer. This is the name under which the printer will show up in the filming taskcard.

⇒ The following window appears:



- press "Next".

⇒ The following window appears:



Decide if the printer can be used from other computers (shared) or not (not shared). If yes, a share name has to be specified.

- Press "Next"

You do not need to print a test page now, this will be done later in the test section.

⇒ The following window appears:



- select "No"

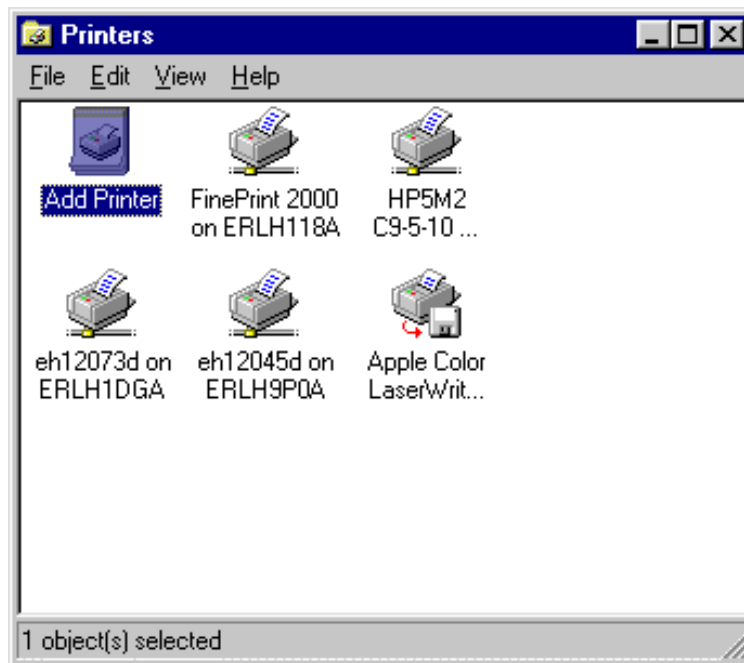
6. Configuration of the printer driver

Perform the configuration of the printer driver according to the installation instructions of the individual printer.

7. Checking the printer installation

- select the window "Printers"

⇒ The following window appears:



- select the newly installed printer
- press the right mouse button
- from the menu select Properties
- select "Print Test Page"

⇒ Keep the test page in your documentation for later reinstallation of printers.

Trouble-shooting printer problems

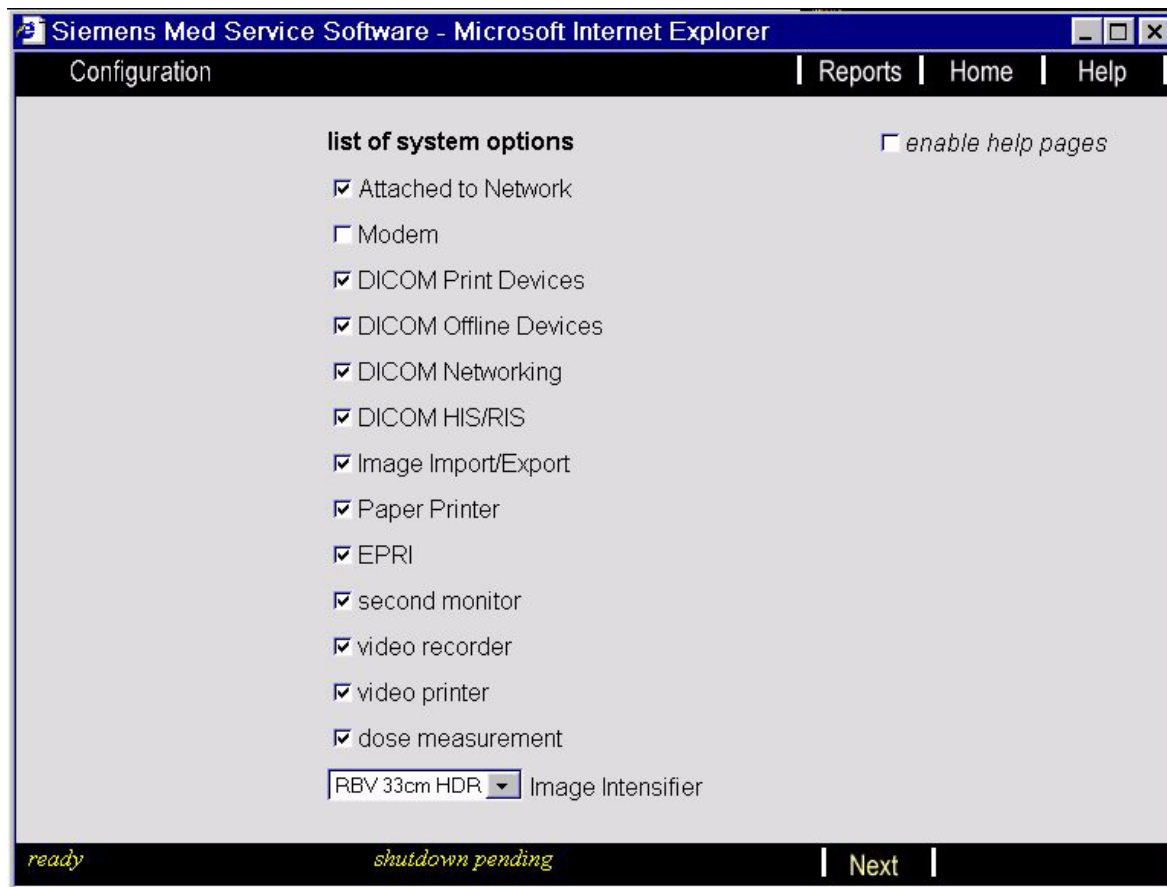
If the test page fails:

- • Check if the proper page size is installed.
- • Check the connections
- • Connect the printer to another PC and check if the printer is working correctly

8. Configuration of the paper printer in the filming card

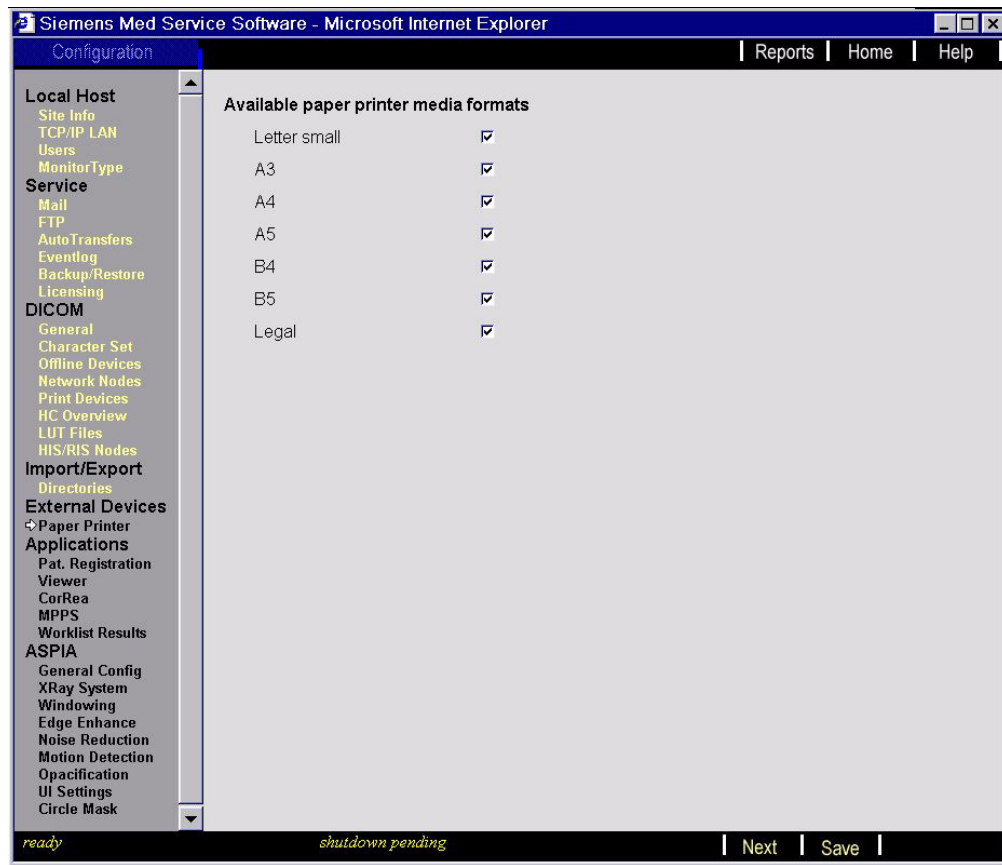
- open the Local service

⇒ The following window appears:



- select "Paper Printer"
- select "Next"

⇒ The following window appears:



- select the formats of the printer
- select "Save"
- select "Home"
- close the Service Software Menu

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